

PATENT

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Application of
Inventor : GEPFREY, Dale A., et al
Serial No. : 10/762,415
Filed : 01/22/2004
Title : WATER-TIGHT WINDOWS WITH PREFORMED CORNERS
Art Unit : 3634
Examiner : SIMBU, Gregory L. [Primary Examiner]
Docket No. : GII 001 P2 US

MAY 29 2007

Mail Stop Patent Amendment
Commissioner for Patents
P.O. Box 1450
ALEXANDRIA VA 22313-1450

Sir:

In response to the Office Action dated 4/30/2007, please cancel the Abstract presently on file, and enter the following new Abstract

Abstract

A window construction comprising an outer window framework having lineal sections providing a header (20H), a sill (30S), and a pair of jambs (23L, 23R), joined by formed integral corner sections (10) having joint ends which extend from the corner sections at a predetermined angle with respect to each other. The corner sections and lineal sections have complementary cross-sectional configurations, and are formed of essentially the same material so they may be welded together (Fig. 6). In another configuration these ends may have integral splines (12) as part of the complementary cross-sectional configurations (Figs. 3, 4 & 5) and are mechanically joined. In either configuration, the joints between the corner section and the lineal sections achieve rigid water-tight corner joints and provide a water-tight window. The outer framework incorporates flanges (25) for mounting the complete window in a window aperture of a building or vehicle and channels (27) for receiving an inner framework of sashes and/or vents, and providing a peripheral seal for the same. The inner framework includes a header (40H), a sill (40S), and jambs (43L, 43R). The header, sill and jambs of both the outer and inner frames are lineal extrusions having cross-sectional configurations that are compatible with the profiles of the corner pieces.